PTO/SB/08b (08-03)

Approved for use through 06/30/2006. OMB 0651-0031

Complete if Known

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE are required to respond to a collection of information unless it contains a valid OMB control number. Under the Paperwork Reduction

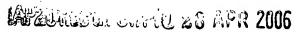
	_	h allerda for form 44404/DTO					
Substitute for form 1449A/PTO		Application Number 10/577,679 Filing Date April 28, 2006					
INFORMATION DISCLOSURE							
		MENT BY APPLICANT	First Named Inventor Britta HARDY et al				
STATEMENT DI ATTEICANT			Group Art Unit 1654				
	(use d	as many sheets as necessary)	Examiner Name	Not Yet Assigned	<u>.</u>		
Sheet	Ti	Of I	Attorney Docket Number	31831			
	1	OTHER PRIOR ART – NON PATE	NT LITERATURE DOCU	JMENTS			
Examiner Initials	Cite No.	item (book, magazine, journal, serial symposium, c publisher, city and/or co	ERS), title of the article (when appropriate), title of the n, catalog, etc.) date, page(s), volume-issue number(s), r country where published.				
/R.N./ Database A		Puzas "Human TRAP Peptide SEQ ID NO Database Accession No. ABR44764, 2003	. Abstract.				
	2	Bainbridge et al. "A Peptide Encoded by E IncludedAngiogenesis In Vitro and Ischaer Biochemidal and Biophysical Research Co	mic Retinal Neovascularisa mmunications, 302: 793-7	tion In Vivo", 99, 2003.			
	3	Conway et al. "Molecular Mechanisms of I Research, 49: 507-521, 2001.					
	4	Giordano et al. "Biopanning and Rapid An Ligands", Nature Medicine, 11(7), 1249-12	53, 2001.	.`			
	5	Hetian et al. "A Novel Peptide Isolated from Growth and Metastasis by Blocking the Bir Factor to its Kinase Domain Receptor", The 277(45): 43137-43142, 2002.	nding of Vascular Endothe le Journal of Biological Ch	elial Growth nemistry,			
V	6	Liu et al. "Combinataorial Peptide Library Experimental Hematology, 31: 11-30, 200:	Methods for Immunobiolo 3.	gy Research",			
,							
				· · · · · · · · · · · · · · · · · · ·			

Signature	/Ronald Niebauer/	Considered	07/06/2007

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

'Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. this collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S.Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449A/PTO Application Number US National Phase of PCT 112000000027679 INFORMATION DISCLOSURE STATEMENT BY APPLICANT Filing Date Not Yet Assigned First Named Inventor Britta HARDY et al (use as many sheets as necessary) Art Unit Not Yet Assigned Examiner Name Not Yet Assigned Sheet of 2 Attorney Docket Number 31831 **U.S. PATENT DOCUMENTS** Examiner Cite **Publication Date** Pages, Columns, Lines, Where Name of Patentee or Document Number Initials\* MM-DD-YYYY Applicant of Cited Document Relevant Passages or Relevant Figures Appear Number-Kind Code<sup>2 (if known)</sup>

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. 1	Foreign Patent Documents  Country Code <sup>3</sup> : Number <sup>4</sup> : Kind Code <sup>3</sup> (if known)	Publication Date MM-DD-YYYY			T
/R.N./	1	EP 1136082	09-26-2001	Sakharov et al.		П
	2	PCT WO 02/02593	01-10-2002	Pillarisetti et al.		П
V	3	PCT WO 03/037172	08-8-2003	Gyuris et al.		
						Ħ
Examiner Signature		/Ronald Niebauer/	1	Date Considered	07/06/200	 )7

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. this collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

## IAP20 Rec'd PCT/PTO 28 APR 2005

PTO/SB/08b (08-03) Approved for use through 06/30/2006. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use as many sheets as necessary)  Sheet  2  Of  OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS  Examiner Initials  No.  Cite Initials  No.  Puzas "Human TRAP Peptide SEQ ID No. 24", Database Geneseq 'Online!, Database Accession No. ABR44764, 2003. Abstract.  S Ramarao "Human Sperm Activator Peptide (Husap), Sperm 5 Pro.", Database Geneseq Online!, Database Accession No. AAB2981, 2003. Abstract.  6  Binétruy-Tournaire et al. "Identification of A Peptide Blocking Vascular Endothelial Growth Factor (VEGF)-Mediated Angiogenesis", The EMBO Journal, 19(7): 1525-1533, 2000.	Under the Paperwor	k Reduction	Act of 1995, no persons are required to respond to a coll	ection of information un			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use as many sheets as necessary)  Sheet  2  Of 2  Attorney Docket Number  OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS  Examiner Initials  OTHER prior (author (in CAPITAL LETTERS), title of the anicle (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city end/or country where published.  7R.N./  Puzas "Human TRAP Peptide SEQ ID NO: 24", Database Geneseq 'Online!, Database Accession No. ABR44764, 2003. Abstract.  Shinetruy-Tournaire et al. "Identification of A Peptide Blocking Vascular Endothelial Growth Factor (VEGF)-Mediated Angiogenesis", The EMBO Journal, 19(7): 1525-		Su	bstitute for form 1449A/PTO		77 19 191		
STATEMENT BY APPLICANT  (use as many sheets as necessary)  Sheet  2  Of  OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS  Examiner Initials  No.¹  Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.    R.N.   4   Puzas "Human TRAP Peptide SEQ ID NO: 24", Database Geneseq 'Online!, Database Accession No. ABR44764, 2003. Abstract.    5   Ramarao "Human Sperm Activator Peptide (Husap), Sperm 5 Pro.", Database Geneseq 'Online!, Database Accession No. AAE32981, 2003. Abstract.    6   Binétruy-Tournaire et al. "Identification of A Peptide Blocking Vascular Endothelial Growth Factor (VEGF)-Mediated Angiogenesis", The EMBO Journal, 19(7): 1525-					Application Number 💇		
STATEMENT BY APPLICANT  (use as many sheets as necessary)  Sheet  2  Of  OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS  Examiner Initials  No.¹  Include name of the author (in CAPITAL LETTERS), title of the anticle (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.    R.N.     Puzas "Human TRAP Peptide SEQ ID NO: 24", Database Geneseq 'Online!, Database Accession No. ABR44764, 2003. Abstract.    Sheet		INF	ORMATION DISCLOSURE				
(use as many sheets as necessary)  Group Art Unit Not Yet Assigned Examiner Name Not Yet Assigned Examiner Name Not Yet Assigned  Sheet  Of 2 Attorney Docket Number 31831  OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS  Examiner Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.  /R.N./ 4 Puzas "Human TRAP Peptide SEQ ID NO: 24", Database Geneseq 'Online!, Database Accession No. ABR44764, 2003. Abstract.  5 Ramarao "Human Sperm Activator Peptide (Husap), Sperm 5 Pro.", Database Geneseq 'Online!, Database Accession No. AAE32981, 2003. Abstract.  6 Binétruy-Tournaire et al. "Identification of A Peptide Blocking Vascular Endothelial Growth Factor (VEGF)-Mediated Angiogenesis", The EMBO Journal, 19(7): 1525-		STA	TEMENT BY ADDITIONT				
Sheet 2 Of 2 Attorney Docket Number 31831  OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS  Examiner Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.    R.N.   4   Puzas "Human TRAP Peptide SEQ ID NO: 24", Database Geneseq 'Online!, Database Accession No. ABR44764, 2003. Abstract.    5   Ramarao "Human Sperm Activator Peptide (Husap), Sperm 5 Pro.", Database Geneseq 'Online!, Database Accession No. AAE32981, 2003. Abstract.    6   Binétruy-Tournaire et al. "Identification of A Peptide Blocking Vascular Endothelial Growth Factor (VEGF)-Mediated Angiogenesis", The EMBO Journal, 19(7): 1525-		SIA	TEMENT DI AFFLICANT				
Sheet  2 Of 2 Attomey Docket Number 31831  OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS  Examiner Initials No.! Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city end/or country where published.  /R.N./ 4 Puzas "Human TRAP Peptide SEQ ID NO: 24", Database Geneseq 'Online!, Database Accession No. ABR44764, 2003. Abstract.  5 Ramarao "Human Sperm Activator Peptide (Husap), Sperm 5 Pro.", Database Geneseq 'Online!, Database Accession No. AAE32981, 2003. Abstract.  6 Binétruy-Tournaire et al. "Identification of A Peptide Blocking Vascular Endothelial Growth Factor (VEGF)-Mediated Angiogenesis", The EMBO Journal, 19(7): 1525-			(use as many sheets as necessary)				
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS  Examiner   Cite   Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.    R.N.   4   Puzas "Human TRAP Peptide SEQ ID NO: 24", Database Geneseq 'Online!, Database Accession No. ABR44764, 2003. Abstract.    5   Ramarao "Human Sperm Activator Peptide (Husap), Sperm 5 Pro.", Database Geneseq 'Online!, Database Accession No. AAE32981, 2003. Abstract.    6   Binétruy-Tournaire et al. "Identification of A Peptide Blocking Vascular Endothelial Growth Factor (VEGF)-Mediated Angiogenesis", The EMBO Journal, 19(7): 1525-		Exa				t Assigned	
Examiner Initials  Cite No.¹  Include name of the author (in CAPITAL LETTERS), title of the anticle (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.  Puzas "Human TRAP Peptide SEQ ID NO: 24", Database Geneseq 'Online!, Database Accession No. ABR44764, 2003. Abstract.  Ramarao "Human Sperm Activator Peptide (Husap), Sperm 5 Pro.", Database Geneseq 'Online!, Database Accession No. AAE32981, 2003. Abstract.  Binétruy-Tournaire et al. "Identification of A Peptide Blocking Vascular Endothelial Growth Factor (VEGF)-Mediated Angiogenesis", The EMBO Journal, 19(7): 1525-	Sheet	2			1	31831	
Initials  No.¹ item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city end/or country where published.    R.N.   4   Puzas "Human TRAP Peptide SEQ ID NO: 24", Database Geneseq 'Online!, Database Accession No. ABR44764, 2003. Abstract.    5   Ramarao "Human Sperm Activator Peptide (Husap), Sperm 5 Pro.", Database Geneseq 'Online!, Database Accession No. AAE32981, 2003. Abstract.    6   Binétruy-Tournaire et al. "Identification of A Peptide Blocking Vascular Endothelial Growth Factor (VEGF)-Mediated Angiogenesis", The EMBO Journal, 19(7): 1525-			OTHER PRIOR ART – NON	PATENT LITER	ATURE DOCUMENTS		
/R.N./ 4 Puzas "Human TRAP Peptide SEQ ID NO: 24", Database Geneseq 'Online!, Database Accession No. ABR44764, 2003. Abstract.  5 Ramarao "Human Sperm Activator Peptide (Husap), Sperm 5 Pro.", Database Geneseq 'Online!, Database Accession No. AAE32981, 2003. Abstract.  6 Binétruy-Tournaire et al. "Identification of A Peptide Blocking Vascular Endothelial Growth Factor (VEGF)-Mediated Angiogenesis", The EMBO Journal, 19(7): 1525-	Examiner	Cite					
Database Accession No. ABR44764, 2003. Abstract.  5 Ramarao "Human Sperm Activator Peptide (Husap), Sperm 5 Pro.", Database Geneseq 'Online!, Database Accession No. AAE32981, 2003. Abstract.  6 Binétruy-Tournaire et al. "Identification of A Peptide Blocking Vascular Endothelial Growth Factor (VEGF)-Mediated Angiogenesis", The EMBO Journal, 19(7): 1525-	Initials	No.1	item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s),			T <sup>2</sup>	
5 Ramarao "Human Sperm Activator Peptide (Husap), Sperm 5 Pro.", Database Geneseq 'Online!, Database Accession No. AAE32981, 2003. Abstract.  6 Binétruy-Tournaire et al. "Identification of A Peptide Blocking Vascular Endothelial Growth Factor (VEGF)-Mediated Angiogenesis", The EMBO Journal, 19(7): 1525-	/R N /	4	Puzas "Human TRAP Peptide SEQ II	NO: 24", Datab	ase Geneseq 'Online!,		
Geneseq 'Online!, Database Accession No. AAE32981, 2003. Abstract.  Binétruy-Tournaire et al. "Identification of A Peptide Blocking Vascular Endothelial Growth Factor (VEGF)-Mediated Angiogenesis", The EMBO Journal, 19(7): 1525-	/17.19./						
Binétruy-Tournaire et al. "Identification of A Peptide Blocking Vascular Endothelial Growth Factor (VEGF)-Mediated Angiogenesis", The EMBO Journal, 19(7): 1525-		5	Ramarao "Human Sperm Activator Po	eptide (Husap), S	perm 5 Pro.", Database		
Binétruy-Tournaire et al. "Identification of A Peptide Blocking Vascular Endothelial Growth Factor (VEGF)-Mediated Angiogenesis", The EMBO Journal, 19(7): 1525-			Genesea 'Online!. Database Accession	No. AAE32981	. 2003. Abstract.		
Growth Factor (VEGF)-Mediated Angiogenesis", The EMBO Journal, 19(7): 1525-		6				nelial	
1533, 2000.	V		Growth Factor (VEGF)-Mediated An				•
		ļ	1533, 2000.				
		ļ					
		<u> </u>					
		<u> </u>				i	
		1					
		<del> </del>					
				<del> </del>			
			· · · · · · · · · · · · · · · · · · ·	<del></del>			
		ļ		<del> </del>			·
		1	<u> </u>	<u> </u>			
		1					
		<del> </del>					
		+					
	-	1					<del></del>
		1					

	<u> </u>		<u>.l</u>
Signature	/Ronald Niebauer/	Considered	07/06/2007
	THOUGHT		
		,	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP, 609. Draw line through citation if not in conformance and not

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered, but the conjugation of the conjug